

FORM PTO-1449

ATTY.
DOCKETASF98065 -
(021971.0168)SERIAL
NO.

09/746,735

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

G. Gregory Mooty, et al.

FOR APPLICANT'S INFORMATION

FILING DATE

December 21, 2000

GROUP

DISCLOSURE STATEMENT

FOR: Method and System for Point Source Illumination and
Detection in Digital Film Processing

UNITED STATES LETTERS PATENT

DOCUMENT NUMBER

DATE

NAME

CLASS

SUB
CLASS

le	3	8	3	3	1	6	1	Sep. 3, 1974	Krumbein	226	92
le	4	2	6	5	5	4	5	May 5, 1981	Slaker	356	431
le	4	6	3	3	3	0	0	Dec. 30, 1986	Sakai	658 348	223.1
le	4	7	4	1	6	2	1	May 3, 1988	Taft et al.	356	376 606
le	5	0	2	7	1	4	6	Jun. 25, 1991	Manico et al.	354 396	299 575
le	5	2	0	0	8	1	7	Apr. 6, 1993	Birnbaum	358	80 518
le	5	3	3	4	2	4	7	Aug. 2, 1994	Columbus et al.	118	411
le	5	4	7	7	3	4	5	Dec. 19, 1995	Tse	358	500
le	5	5	8	7	7	5	2	Dec. 24, 1996	Petruchik	396	315
le	5	6	2	7	0	1	6	May 6, 1997	Manico	430	434
le	5	6	4	9	2	6	0	Jul. 15, 1997	Wheeler et al.	396	569
le	5	8	3	5	7	9	5	Nov. 10, 1998	Craig et al.	396	6
le	5	9	5	9	7	2	0	Sep. 28, 1999	Kwon et al.	355	38
le	6	0	8	8	0	8	4	Jul. 11, 2000	Nishio	355	75
le	6	2	0	0	7	3	8	Mar. 13, 2001	Takano et al.	430	362

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER

DATE

COUNTRY

CLASS

SUB
CLASS

le	WO 98/25399 A1	Jun. 11, 1998	PCT	H04N	1/38
le	WO 98/34157 A2	Aug. 6, 1998	PCT	G03D	
le	WO 99/43149 A1	Aug. 26, 1999	PCT	H04N	1/00
le	WO 01/45042 A1	Jun. 21, 2001	PCT	G06T	5/00
le	WO 01/50192 A1	Jul. 12, 2001	PCT	G03C	7/407
le	WO 01/50193 A1	Jul. 12, 2001	PCT	G03C	7/407
le	WO 01/50194 A1	Jul. 12, 2001	PCT	G03C	7/407
le	WO 01/50197 A1	Jul. 12, 2001	PCT	G03C	7/42
le	WO 01/52556 A2	Jul. 19, 2001	PCT	H04N	9/11
le	EP 0 580 293 A1	Jan. 26, 1994	Europe	H04N	1/04
le	EP 0 601 364 A1	Jun. 15, 1994	Europe	H04N	1/387
le	EP 0 768 571 A2	Apr. 16, 1997	Europe	G03D	13/00
le	EP 0 806 861 A1	Nov. 12, 1997	Europe	H04N	1/00
le	EP 0 878 777 A2	Nov. 18, 1998	Europe	G06T	5/40

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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MAY 02 2002
Technology Center 2600EXAMINER *le* DATE CONSIDERED *21 September 2004*

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UNITED STATES LETTERS PATENT

DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
le 2 4 0 4 1 3 8	Jul. 16, 1946	Mayer, A.L.	95 396	94 604
le 3 5 2 0 6 8 9	Jul. 14, 1970	Nagae et al.	96 430	55 376
le 3 5 2 0 6 9 0	Jul. 14, 1970	Nagae et al.	96 430	55 373
le 3 5 8 7 4 3 5	Jun. 28, 1971	Chioffe	95 396	93 612
le 3 6 1 5 4 7 9	Oct. 26, 1971	Kohler et al.	96 430	48 30
le 3 6 1 5 4 9 8	Oct. 26, 1971	Aral et al.	96 430	55 468
le 3 6 1 7 2 8 2	Nov. 2, 1971	Bard et al.	96 430	59 379
le 3 7 4 7 1 2 0	Jul 17, 1973	Stemme	346	75
le 3 9 0 3 5 4 1	Sep. 2, 1975	Von Meister et al.	354	317
le 3 9 4 6 3 9 8	Mar 23, 1976	Kyser et al.	346	1
le 3 9 5 9 0 4 8	May 25, 1976	Stanfield et al.	156	94
le 4 0 2 6 7 5 6	May 31, 1977	Stanfield et al.	156	554
le 4 0 8 1 5 7 7	Mar. 28, 1978	Horner	427	424
le 4 1 4 2 1 0 7	Feb. 27, 1979	Hatzakis et al.	250	571
le 4 2 1 5 9 2 7	Aug. 5, 1980	Grant et al.	354	317
le 4 2 4 9 9 8 5	Feb. 10, 1981	Stanfield	156	554
le 4 3 0 1 4 6 9	Nov. 17, 1981	Modeen et al.	358	75
le 4 4 9 0 7 2 9	Dec. 25, 1984	Clark et al.	346	75
le 4 5 0 1 4 8 0	Feb. 26, 1985	Matsui et al.	354	298

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
le WO 90/01240	Feb. 8, 1990	PCT	H04N	1/40
le WO 91/09493	Jun. 27, 1991	PCT	H04N	5/217
le WO 97/25652	Jul. 17, 1997	PCT	G03D	5/00
le WO 98/19216	May 7, 1998	PCT	G03C	5/29
le WO 98/25399	Jun. 11, 1998	PCT	H04N	1/38
le WO 98/31142	Jul. 16, 1998	PCT	H04N	5/253
le WO 98/34157	Aug. 6, 1998	PCT	G03D	

OTHER ART (INCLUDING AUTHOR, TITLE, PERTINENT PAGES, ETC.)

le	"Adaptive Fourier Threshold Filtering: A Method to Reduce Noise and Incoherent Artifacts in High Resolution Cardiac Images", Doyle, M., et al., 8306 Magnetic Resonance in Medicine 31, No. 5, Baltimore, MD, May, 1994, pp. 546-550.
le	"Anisotropic Spectral Magnitude Estimation Filters for Noise Reduction and Image Enhancement", T. Aach, et al., Philips GmbH Research Laboratories, IEEE, pp. 335-338, 1996.
le	"Adaptive-neighborhood filtering of images corrupted by signal-dependent noise", R. Rangayyan, et al., Applied Optics, Vol. 37, No. 20, pp. 4477-4487, July 10, 1998.
le	"Grayscale Characteristics", The Nature of Color Images, Photographic Negatives, pp. 163-168.
le	"Parallel Production of Oligonucleotide Arrays Using Membranes and Reagent Jet Printing", D. Stimpson, et al., Research Reports, BioTechniques, Vol. 25, No. 5, pp. 886-890, 1998.
le	"Low-Cost Display Assembly and Interconnect Using Ink-Jet Printing Technology", D. Hayes, et al., Display Works '99, MicroFab Technologies, Inc., pp. 1-4, 1999.
le	"Ink-Jet Based Fluid Microdispensing in Biochemical Applications", D. Wallace, MicroFab Technologies, Inc., Laboratory Automation News, Vol. 1, No. 5, pp. 3, 6-9, Nov., 1996.

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le	4 5 6 4 2 8 0	Jan. 14, 1986	Fukuda	354	317
le	4 5 9 4 5 9 8	Jun. 10, 1986	Iwagami	346	140
le	4 6 2 1 0 3 7	Nov. 4, 1986	Kanda et al.	430	30
le	4 6 2 3 2 3 6	Nov. 18, 1986	Stella	354	318
le	4 6 3 6 8 0 8	Jan. 13, 1987	Herron	346	75
le	4 6 6 6 3 0 7	May 19, 1987	Matsumoto et al.	356	404
le	4 6 7 0 7 7 9	Jun 2, 1987	Nagano	358	75
le	4 7 3 6 2 2 1	Apr. 5, 1988	Shidara	354	317
le	4 7 4 5 0 4 0	May 17, 1988	Levine	430	21
le	4 7 5 5 8 4 4	Jul. 5, 1988	Tsuchiya et al.	354	317
le	4 7 7 7 1 0 2	Oct. 11, 1988	Levine	430	21
le	4 7 9 6 0 6 1	Jan. 3, 1989	Ikeda et al.	355	73
le	4 8 1 4 6 3 0	Mar. 21, 1989	Lim	250	578
le	4 8 2 1 1 1 4	Apr. 11, 1989	Gebhardt	358	75
le	4 8 4 5 5 5 1	Jul. 4, 1989	Matsumoto	358	80
le	4 8 5 1 3 1 1	Jul. 25, 1989	Millis et al.	430	30
le	4 8 5 7 4 3 0	Aug. 15, 1989	Millis et al.	430	30
le	4 8 7 5 0 6 7	Oct. 17, 1989	Kanzaki et al.	354	325
le	4 9 6 9 0 4 5	Nov. 6, 1990	Haruki et al.	358	228

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
le	WO 98/34397	Aug. 6, 1998	PCT	H04N	
le	WO 99/43148	Aug. 26, 1999	PCT	H04N	1/00
le	WO 01/01197	Jan. 4, 2001	PCT	G03D	5/00
le	WO 01/13174 A1	Feb. 22, 2001	PCT	G03D	5/06
le	EP 0 261 782 A2	Aug. 14, 1987	Europe	H04N	1/46
le	EP 0 422 220 A1	Mar. 28, 1989	Europe	A61B	6/03
le	EP 0 482 790 B1	Sep. 9, 1991	Europe	H04N	1/40
le	EP 0 525 886 A3	Jul. 21, 1992	Europe	G03D	5/00
le	EP 0 580 293 A1	Jun. 22, 1993	Europe	H04N	1/04
le	EP 0 669 753 A2	Feb. 24, 1995	Europe	H04N	1/407

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

le	"Photorealistic Ink-Jet Printing Through Dynamic Spot Size Control", D. Wallace, et al., Journal of Imaging Science and Technology, Vol. 40, No. 5, pp. 390-395, Sept/Oct. 1996.
le	"MicroJet Printing of Solder and Polymers for Multi-Chip Modules and Chip-Scale Package", D. Hayes, et al., MicroFab Technologies, Inc. (6 pages)
le	"A Method of Characteristics Model of a Drop-on-Demand Ink-Jet Device Using an Integral Method Drop Formation Model", D. Wallace, MicroFab Technologies, Inc., The American Society of Mechanical Engineers, Winter Annual Meeting, pp. 1-9, Dec. 10-15, 1989.
le	"Digital Imaging Equipment White Papers", Putting Damaged Film on ICE, www.nikonusa.com/reference/whitepapers/imaging , Nikon Corporation, Nov. 28, 2000.

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